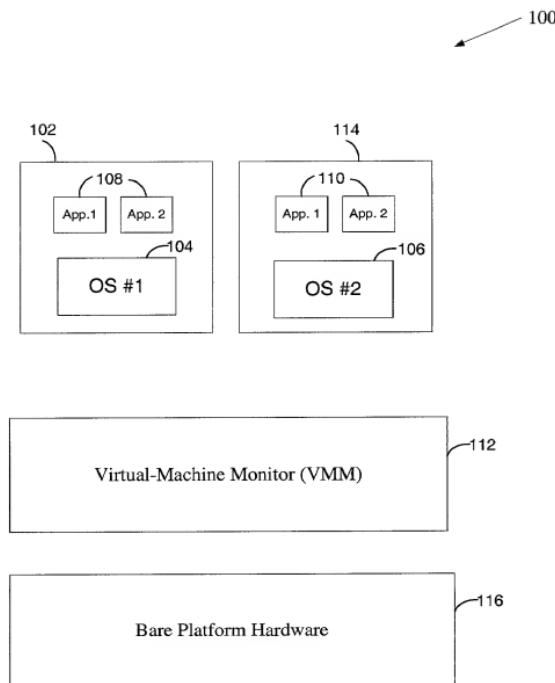


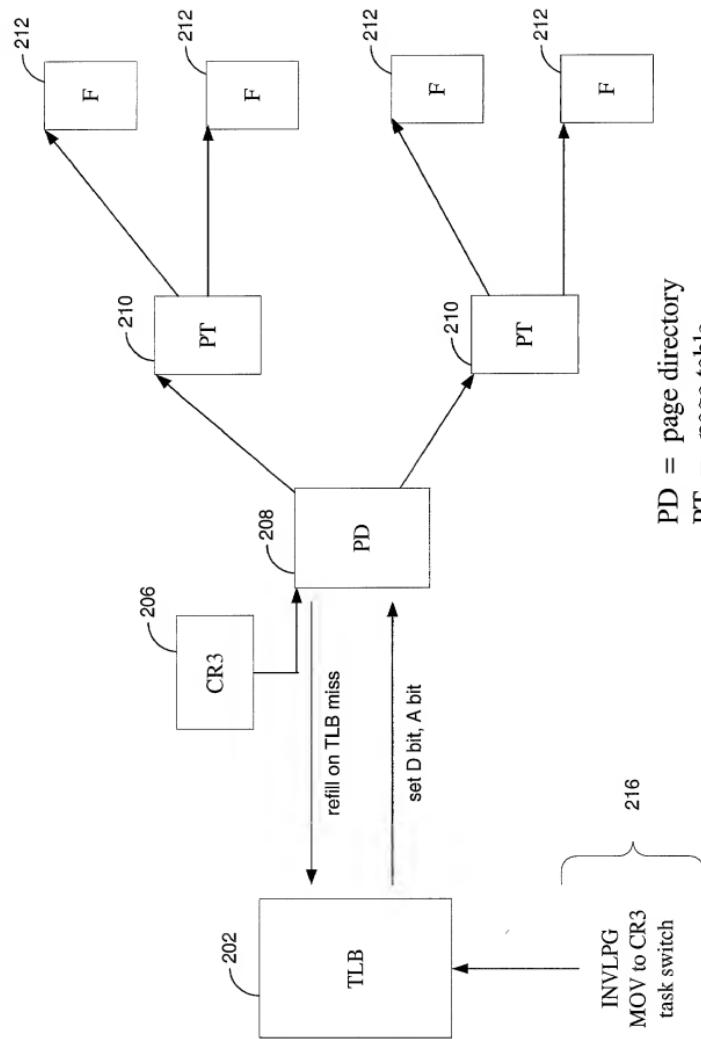
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## Prior Art

FIG. 1

## Page-table hierarchy 204



PD = page directory  
 PT = page table  
 F = page frame

**FIG. 2**

Prior Art

300  
Guest Translation  
Data Structure

302  
Virtual TLB

304  
TLB

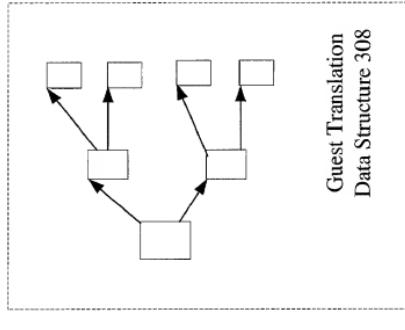
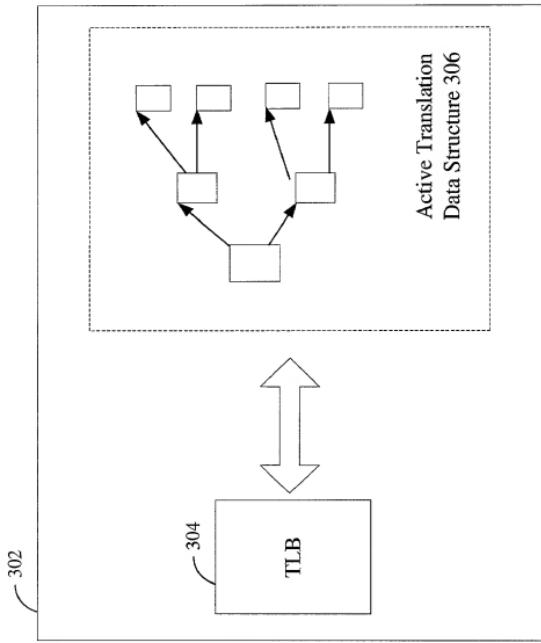
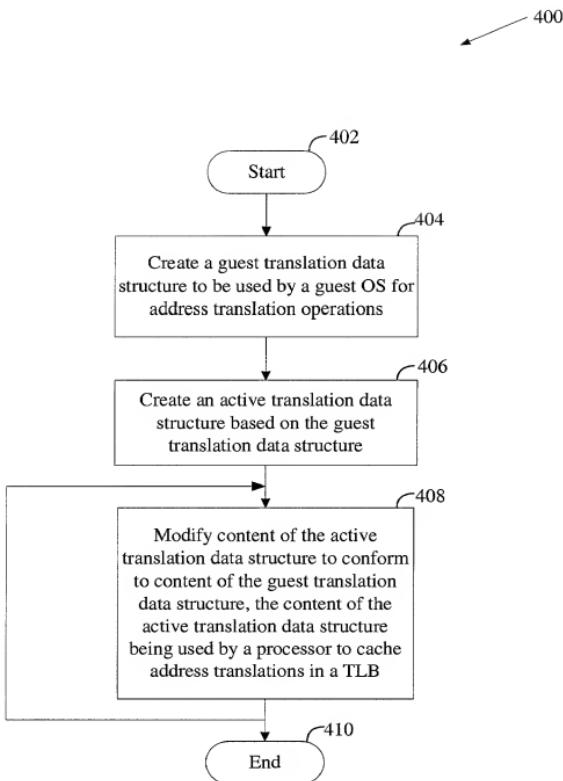


FIG. 3

**FIG. 4**

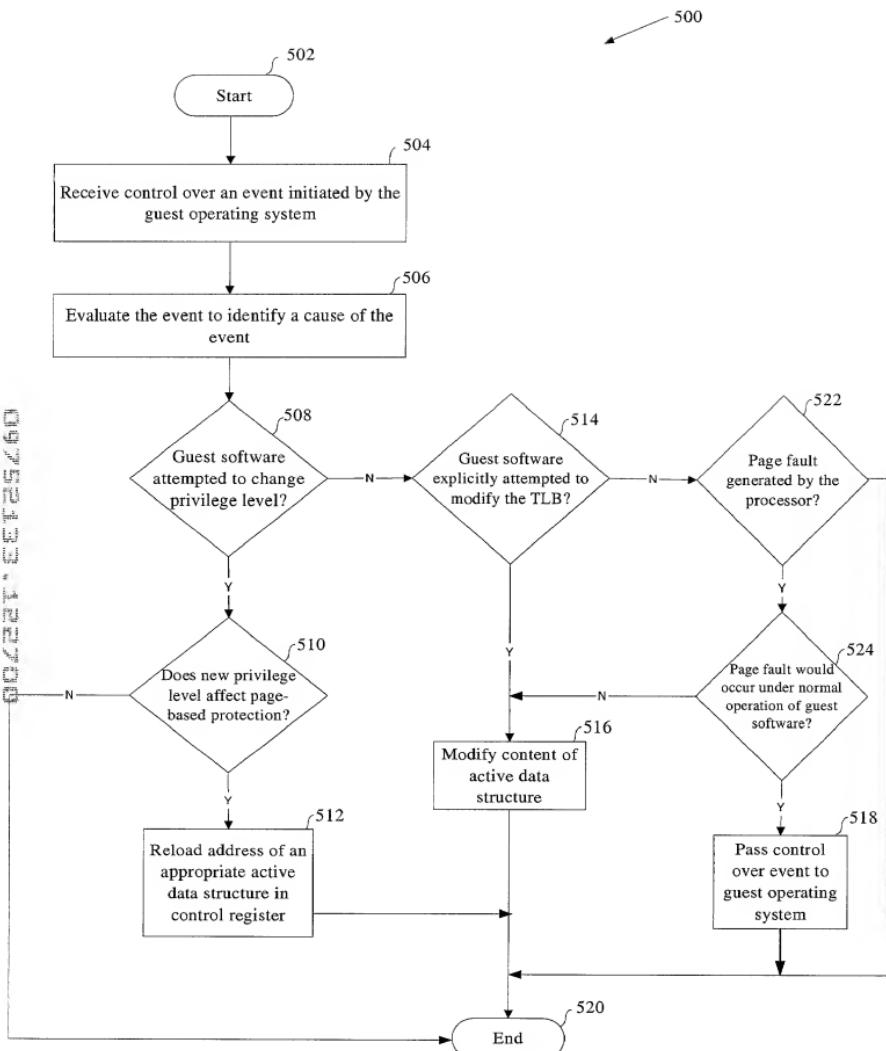
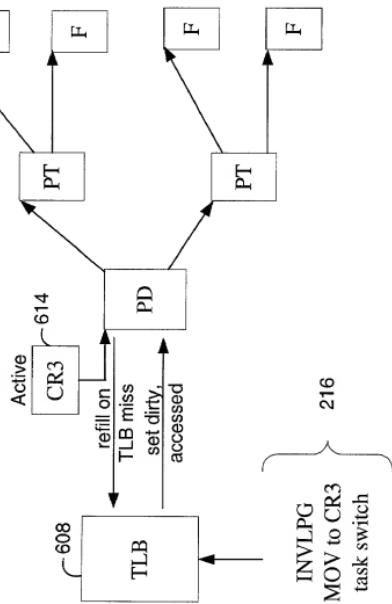
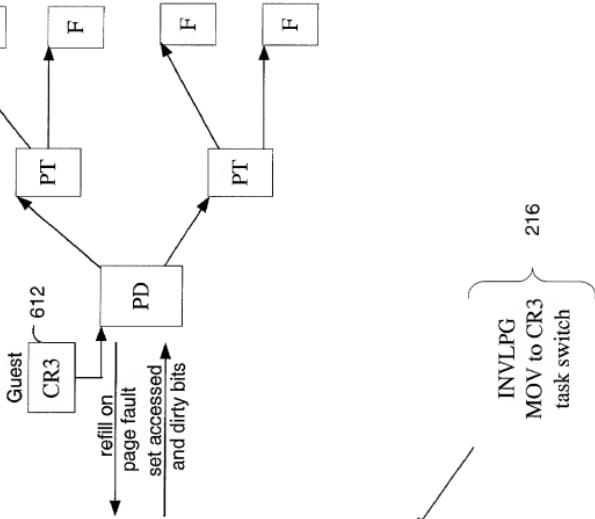
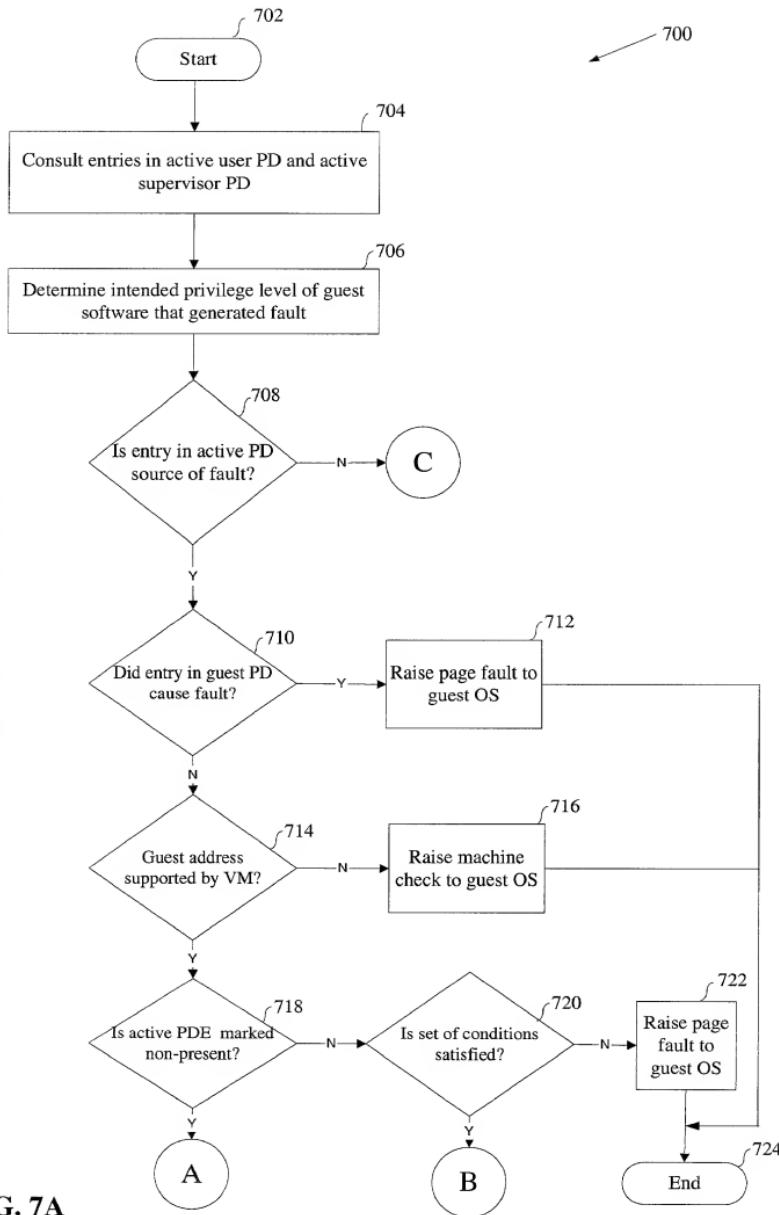


FIG. 5

"Virtual TLB" 604Active page-table hierarchy 602Guest page-table hierarchy 600

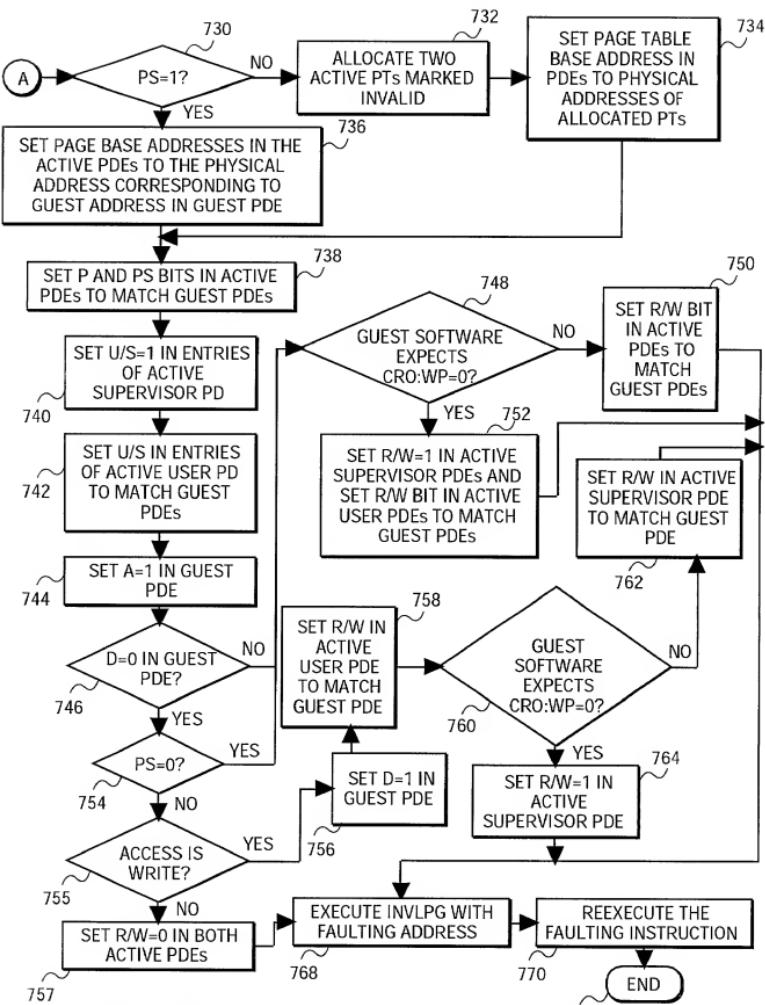
PD = page directory  
 PT = page table  
 F = page frame

FIG. 6

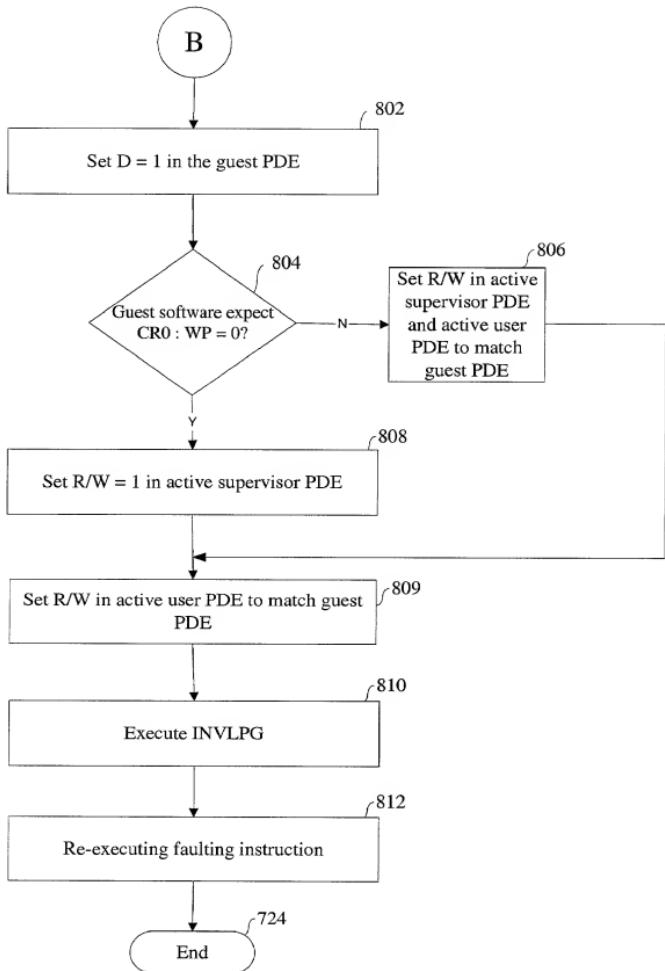


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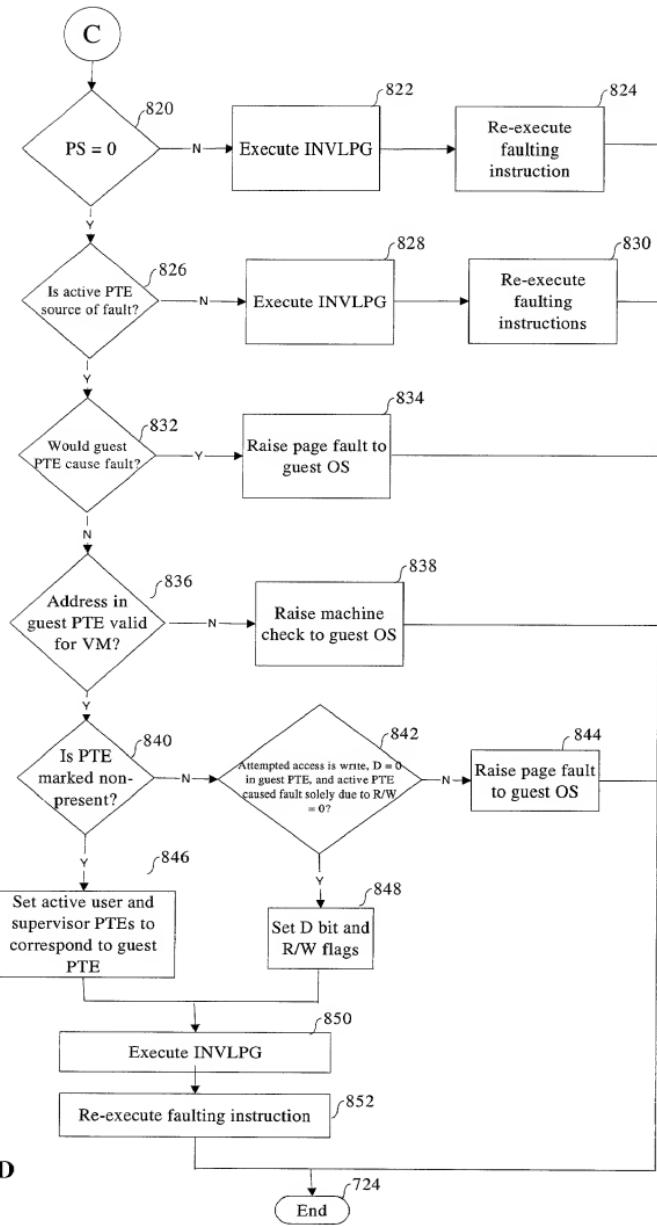
**FIG. 7A**

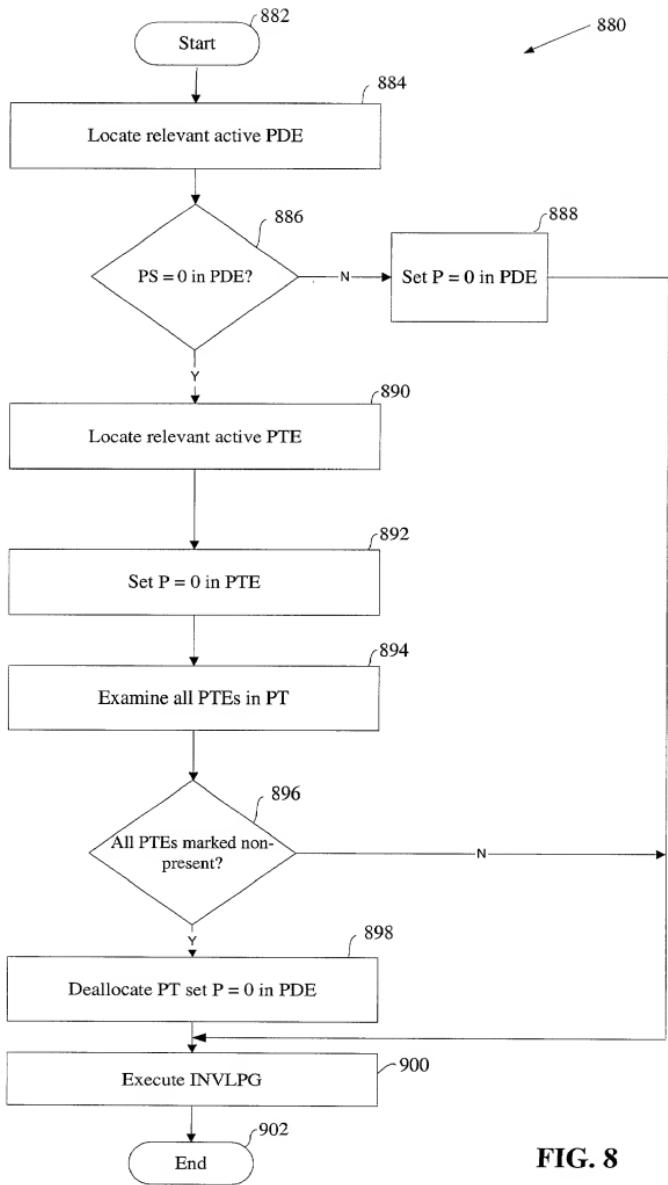
**FIG. 7B**

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**FIG. 7C**

**FIG. 7D**

**FIG. 8**

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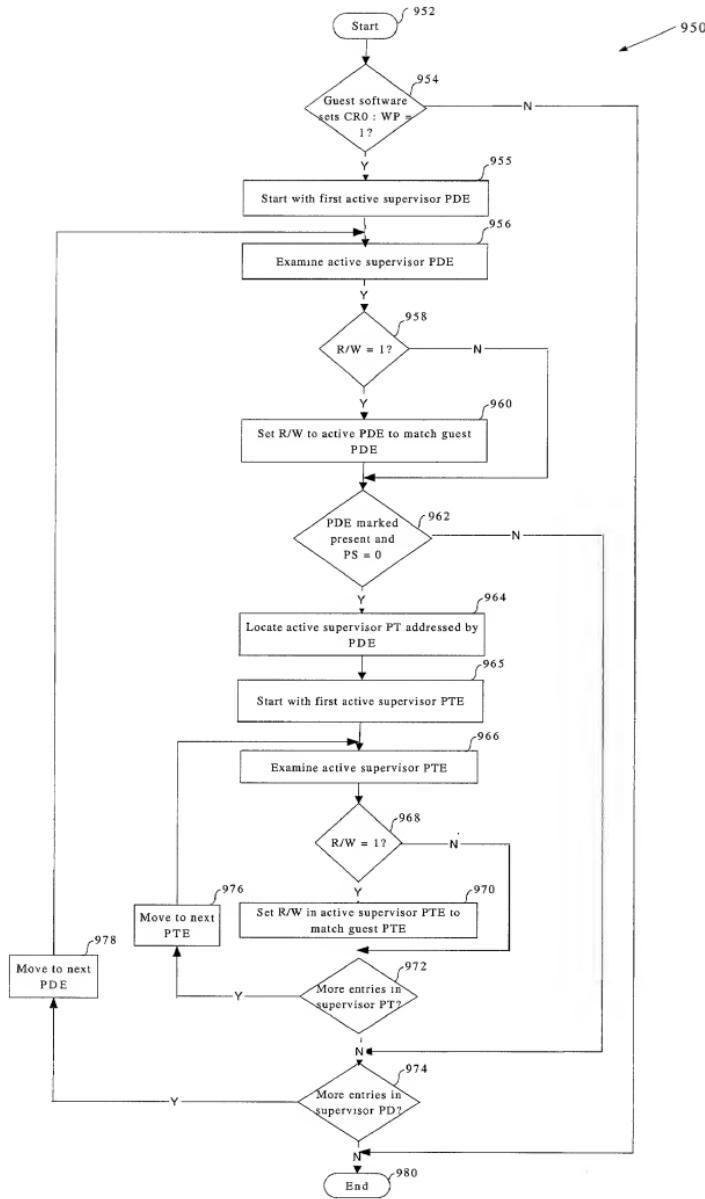


FIG. 9

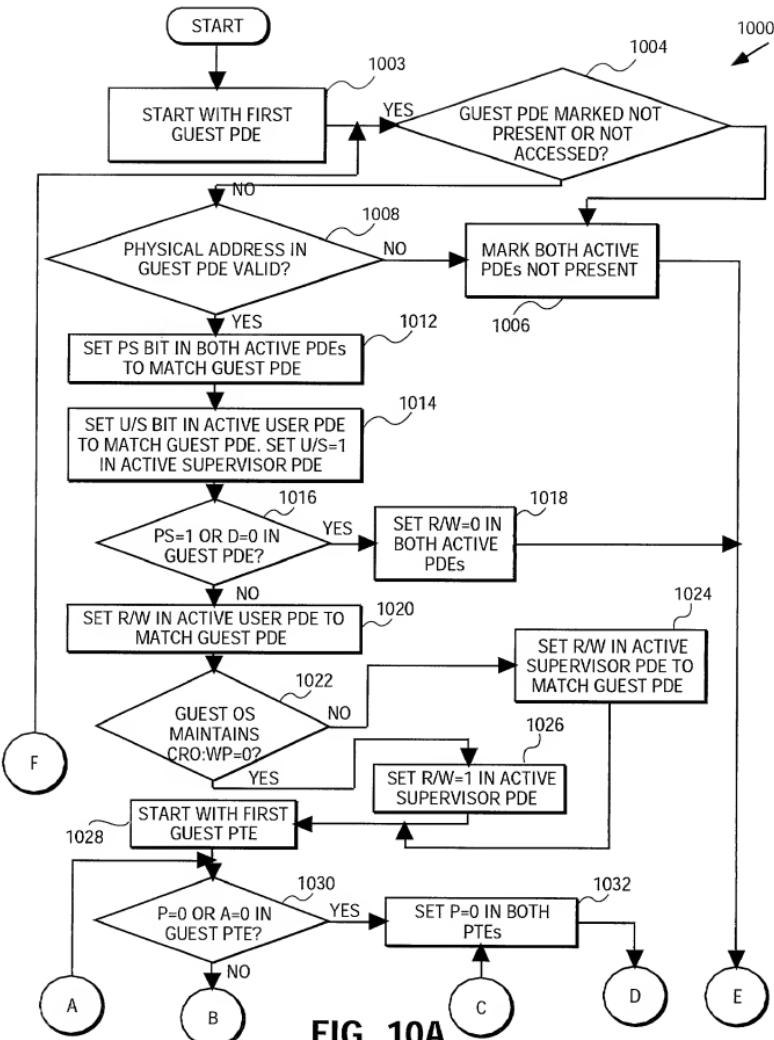


FIG. 10A

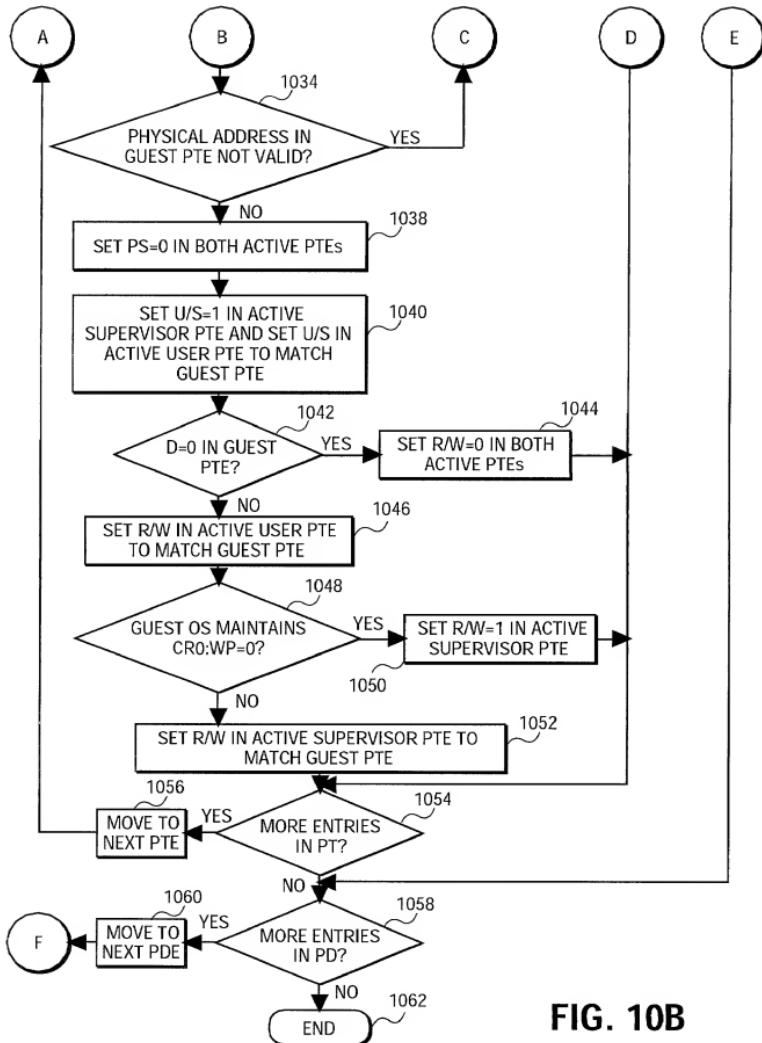


FIG. 10B

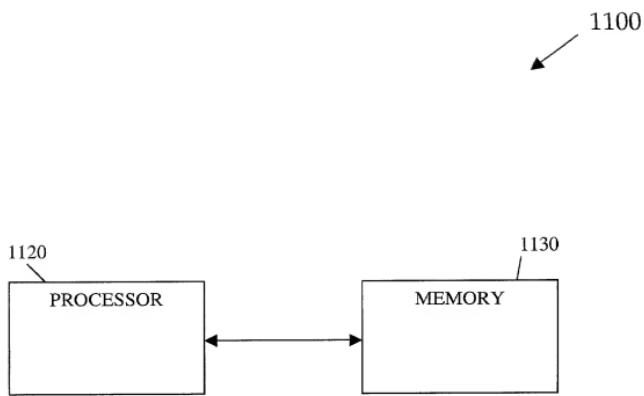


FIG. 11

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